

Comparisons of Job Characteristics

Focus Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation: Foresters (19-1032)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation: Foresters (19-1032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Biology	3.7	12.8	12.8	0	Current knowledge level may be sufficient
Geography	3.9	9.0	13.8	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation: Foresters (19-1032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Monitoring	9.9	16.7	9.3	<<	Extensive development of skills in this area may be required
Coordination	9.1	15.4	9.6	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	15.1	8.6	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	14.6	6.4	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	14.5	8.0	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	12.6	5.8	<<	Extensive development of skills in this area may be required
Time Management	8.9	12.5	8.0	<<	Extensive development of skills in this area may be required
Negotiation	6.8	11.9	6.0	<<	Extensive development of skills in this area may be required

Management of Personnel Resources	6.9	11.8	7.2	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	7.5	5.5	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 75			
Focus Occupation: Forest and Conservation Workers (45-4011) Associated Occupation: Foresters (19-1032)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.8	11.1	<<	Extensive improvement in abilities may be required
Category Flexibility	9.0	13.0	8.8	<<	Extensive improvement in abilities may be required
Originality	7.6	12.6	6.2	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	8.4	6.8	<	Some improvement in abilities may be required
Spatial Orientation	2.7	8.3	6.5	<	Some improvement in abilities may be required
Dynamic Strength	3.5	6.6	7.3	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 86
Focus Occupation: Forest and Conservation Workers (45-4011) Associated Occupation: Foresters (19-1032)		
Work Activities	Exclusivity of Activity	
Interpret aerial photographs	69	
Read maps	42	
Read measuring or metering devices used in forestry	89	
Recognize plant diseases	72	
Recognize tree or forest plant species	78	
Recognize wood species characteristics	78	
Use fire suppression techniques	89	
Use herbicides, fertilizers, pesticides or related products	71	
Use plant disease control techniques	75	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Forest and Conservation Workers (45-4011)

Associated Occupation: Foresters (19-1032)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.